

IN THE CLAIMS

Please amend the claims as follows:

1. (Original) A capacitor comprising:

a body having first and second charge-storing elements in its interior, and having a plurality of exterior sides; and

P separate terminals on at least three exterior sides, M of the separate terminals being coupled to the first charge-storing element, and N of the separate terminals being coupled to the second charge-storing element, wherein M, N, and P are positive integers, and wherein $P=M+N$.

2. (Original) The capacitor recited in claim 1, wherein the P separate terminals comprise at least four separate terminals on four different ones of the plurality of exterior sides.

3. (Original) The capacitor recited in claim 1, wherein the P separate terminals comprise at least five separate terminals on five different ones of the plurality of exterior sides.

4. (Original) The capacitor recited in claim 1, wherein the P separate terminals comprise at least six separate terminals on six different ones of the plurality of exterior sides.

5. (Original) The capacitor recited in claim 1, wherein the body has a geometrical shape of a rectangular solid.

6. (Original) A capacitor comprising:

a body having an interior and a plurality of exterior sides;

a first element to hold an electrical charge of a first polarity;

a second element to hold an electrical charge of a second polarity;

first and second terminals coupled to the first and second elements, respectively, and disposed on first and second ones of the plurality of exterior sides; and

a third terminal coupled to the first element and disposed on a third one of the plurality of exterior sides, wherein the third terminal is electrically coupled to the first terminal only via the first element.

7. (Original) The capacitor recited in claim 6 and further comprising:

at least one conductor within the interior;

wherein the third terminal is electrically coupled to the first terminal only via the first element and the at least one conductor.

8. (Original) The capacitor recited in claim 6 and further comprising:

at least one additional conductor within the interior; and

a fourth terminal coupled to the second element and disposed on a fourth one of the plurality of exterior sides, wherein the fourth terminal is electrically coupled to the second terminal only via the second element and the at least one additional conductor.

9. (Original) The capacitor recited in claim 8, wherein the third and fourth exterior sides are on opposite sides of the body.

10. (Original) The capacitor recited in claim 6, wherein the first and second elements are within the interior.

11. (Original) The capacitor recited in claim 6, wherein the first element is separated from the second element by a dielectric material.

RESPONSE TO RESTRICTION/ELECTION REQUIREMENT AND PRELIMINARY AMENDMENT

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Title: CAPACITORS HAVING SEPARATE TERMINALS ON THREE OR MORE SIDES (as amended)

Assignee: Intel Corporation

Page 6

Dkt: 884.655US1

12. (Original) The capacitor recited in claim 6, wherein the body has a geometrical shape of a rectangular solid.

13. (Original) The capacitor recited in claim 6 and further comprising:
at least one additional conductor within the interior; and
a fourth terminal coupled to the first element and disposed on a fourth one of the plurality of exterior sides, wherein the fourth terminal is electrically coupled to the first terminal only via the first element and the at least one additional conductor.

14. (Original) The capacitor recited in claim 13, wherein the third and fourth exterior sides are on opposite sides of the body.

15. (Currently Amended) The capacitor recited in claim 6 and further comprising:
a fourth terminal coupled to the second element and disposed on a fourth one of the plurality of exterior sides, wherein the fourth terminal is electrically coupled to the second terminal only via the second element; and
a fifth terminal coupled to the first element and disposed on a fifth one of the plurality of exterior sides, wherein the fifth fourth terminal is electrically coupled to the first terminal only via the first element.

16. (Original) The capacitor recited in claim 15 and further comprising:
a sixth terminal coupled to the second element and disposed on a sixth one of the plurality of exterior sides, wherein the sixth terminal is electrically coupled to the second terminal only via the second element.

17-42 (Canceled)

43. (New) A capacitor comprising:
- a body having an interior and a plurality of exterior sides;
 - a first element to hold an electrical charge of a first polarity;
 - a second element to hold an electrical charge of a second polarity;
 - first and second terminals coupled to the first and second elements, respectively, and disposed on first and second ones of the plurality of exterior sides;
 - first and second conductors within the interior;
 - third and fourth terminals coupled to the first and second elements, respectively, and disposed on third and fourth ones of the plurality of exterior sides, wherein the third terminal is electrically coupled to the first terminal only via the first element and the first conductor, and wherein the fourth terminal is electrically coupled to the second terminal only via the second element and the second conductor.
44. (New) The capacitor recited in claim 43, wherein the third and fourth exterior sides are on opposite sides of the body.
45. (New) The capacitor recited in claim 43, wherein the first and second elements are within the interior.
46. (New) The capacitor recited in claim 43, wherein the first element is separated from the second element by a dielectric material.
47. (New) The capacitor recited in claim 43, wherein the body has a geometrical shape of a rectangular solid.
48. (New) The capacitor recited in claim 43 and further comprising:
- a fifth terminal coupled to the first element and disposed on a fifth one of the plurality of exterior sides, wherein the fifth terminal is electrically coupled to the first terminal only via the first element.

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Page 8

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49. (New) The capacitor recited in claim 48 and further comprising:

a sixth terminal coupled to the second element and disposed on a sixth one of the plurality of exterior sides, wherein the sixth terminal is electrically coupled to the second terminal only via the second element.